

LONDON SEWAGE CHEMICAL MANURE COMPANY.—We observed last week, that the Sewage Manure Company intended to go to Parliament for an Act to construct drains, &c. We have since found that the chemical manure company have also given parliamentary notices, and propose to erect works in Westminster, Lambeth, and Bermondsey, preparatory to a more extended application of their plan in a future session. It is stated, that by the plan proposed no offensive exhalation can possibly occur; whilst the manure will be a concentrated and portable substance, and quite smell-less, possessing fertilising properties of the richest description, and yet two-thirds the price of guano.

TO CORRESPONDENTS.

"J. S." (Hammersmith).—Apply at once to the owner of the rag-merchant's house.
 "A Builder and Subcriber."—The inquiry proposed does not seem to have any public interest.
 "Old Subscriber."—The diminution of dues towards the top is not advantageous.
 "Constant Reader."—We cannot give an opinion of the metallic sand. Briefly, finely pounded, might be used as a substitute for Smith's ashes, if the latter cannot be obtained.
 "Nicholson's Works."—Our correspondent "X." had no desire to learn the real name of Mr. Nicholson. "G." does not show that "X." was inaccurate.
 "Plan of London Sewers."—A correspondent suggests that such a plan for the use of the public is a desideratum.
 "A. W. M."—Notice of all competitions which come under our eyes will be given.
 "J. S." reached us too late for consideration this week.
 "W. C."—We shall be glad to see any subjects he may think suit us.
 Received—"G. Holding," "G. R. L.," "T. I. M.," "J. P. W.," "F. N." (Gloucester). "Decorative Art Society."

NOTICE.—Christmas-day falling on Friday, the next number of *The Builder* will be published early on Thursday morning.
 A limited number of volumes of 1868, in cloth, price 7s. 6d., containing an immense mass of information, and 270 Engravings, may be had by early application.

ADVERTISEMENTS.

ROYAL POLYTECHNIC INSTITUTION.
BY PERMISSION.—PROFESSOR SCHONBEIN'S GUN COTTON. Differing from all other specimens previously before the Public, is lectured on, with other Explosive Compounds, by Dr. Ryan, daily at half-past Three, and on the Evenings of Mondays, Wednesdays, and Fridays. The principle of the Electric Telegraph demonstrated daily by Prof. Bachoffner, especially with reference to the new Patent of Messrs. Norton and Gamble, called the Royal Electro-Magnetic Telegraph. By the Gray-Hydrogen Microscope are exhibited Specimens of the Diamond Potato, showing the Leaves, Cuttings of the Tubers, &c., together with the Destructive insect, supposed to be the cause of the disease. The Physico-chemical, Living Experiments, Dissolving Views by Smith, &c. Admission, 1s.; Schools, Half-price. In the end of New and beautiful Series of Dissolving Views will be introduced at Christmas, and the Institution will be open on the Evening of Saturday, the 26th.

IRON-WORK FOR BAKERS' OVENS.
F. A. TIDDEMAN, Purfleet Wharf, East-Street, Blackfriars, keeps an assortment of Stocks, or mouth-pieces; Plates, Furnace-bars, Top and Fall Pieces, Stoppers, Chimney-pipes, Inside, Outside, and Ash-pits, Doors, and beautiful Series of Dissolving Views, &c. &c. All of the best description, at very moderate prices.—**CAST-IRON UPSETS.**

HENDRY AND GLOVER, IRON-FOUNDERS, beg to inform their customers that they have removed their Foundry (from St. Paul's Buildings) to CHARLES-STREET and 106, DICKY-LANE, where they have adopted every improvement to enable them to compete successfully in quality, price, and punctuality. They have also an extensive and well-arranged stock of patterns for every description of Castings.

MORTGAGE AND ANNUITY OFFICE, No. 123, CHANCERY-LANE.

PERSONS requiring LOANS by way of **MORTGAGE**, or otherwise, upon any available security, may at all times procure an advance to the extent of from 100l. to 150,000l., or so much as the property will bear, by applying to Mr. HRAY, surveyor, at the office as above.
 N.B. To expedite the procurement, personal application at the office would in all cases be better, the party bringing with them the abstract of title, plans, &c.

TO ARCHITECTS.

THE attention of Architects is directed towards the new Patent for **CARVING IN WOOD, STONE, and MARBLE, by MACHINERY.** This interesting invention will enable them to see their plans carried out, which in many cases they are prevented doing, owing to the enormous expense attending hand-carving. The work, when executed by this machine, whether in stone or wood, has the appearance of hand-carving done in a masterly style. Monuments beautifully executed to any design, at an immense saving in price. The works are in full operation, and Architects are invited to inspect their merit at Eccleston-place, Eccleston-street, Piccadilly, late Chantrey's foundry.

ARCHITECTURAL ENRICHMENTS.
A. WILKINS'S IMPROVED PAPIER MACHE, which has been almost universally adopted for architectural decorations, has been patronised by her Majesty, by the Hon. Commissioners of the Board of Works, by the highest of the Nobility and Gentry, and by the most eminent architects of the day. It has been used at the royal palaces, at the present House of Lords, at Dublin Castle, at Drayton Manor, the new Conservatory Club-house, at Grosvenor Hall, &c., also at the British Museum, and Pantheon Bazaar, where it has been extensively used for some years, and an inspection will sufficiently establish its superiority over every other kind of composition, both for beauty and durability. Designs prepared for the decoration of ceilings, panelling of walls, &c. A volume of enrichments, containing more than 1,000 designs of the papier mache ornaments, with a tariff, price 1l.—Works, 18, Wellington-street, North, Strand.

LIGHTNING CONDUCTORS FOR BUILDINGS.

A. SMITH'S PATENT COPPER

WIRE ROPE is being daily employed for the protection of CHURCHES and other buildings from the effects of thunder storms; it possesses important advantages over other forms of conductors. Reference can be given where it has been applied for some time past to CHURCHES, PUBLIC and PRIVATE BUILDINGS, &c., &c. Its general adoption in the Naval and Mercantile Marine of this and other countries is the strongest possible EVIDENCE of its EFFICIENCY.

A. SMITH begs the attention of those engaged in building to his **IMPROVED PATENT PANELLED AND REVOLVING IRON SHUTTERS.**—Also, the Patent Weather-tight Fastening and Cull Bar, for French Casements, which are so much admired for their security, simplicity, cheapness, and efficiency. Of the merits of his Improved Double and Single Action Door Springs, Improved Flooring Combs.

Patent Wire Sash Lines, &c. &c.
 Little need be said, as they are pretty generally known and appreciated.

Manufactory for Iron Suspension, Sliding, and other Doors, Strong Rooms, Plain and Ornamental Palisading, Gates, and Columns.—Also, Metal Sashes, Shop-fronts, Stair-landed Plates, Brass Railings, and other Hinges. Buildings heated upon a new, safe, and superior plan.

Estimates given for every description of Metal-work.
 A. SMITH, 69, Princess-street, Leicester-square, London.

PAVING, 2s. 9d. PER SQUARE YARD.

Basements, Foot walks, Mill-houses, Corn Stores, Floors of Warehouses, and every description of pavement laid down at the above low price, and the work guaranteed.—Apply to **JOHN PILKINGTON, POLONCAUS'S BITUMEN PAVEMENT OFFICE, 15, WATERLOO ROAD, CITY ROAD.**—N.B. Country Agents and Railway Engineers and Contractors supplied with the best bitumen for covering bridges and arches.



COMMISSIONERS OF FINE ARTS' REPORT ON THE MEANS OF PREVENTING DAMP IN WALLS.

THE DIRECTORS OF THE SEYSSSEL ASPHALTE COMPANY have much pleasure in recommending to the notice of Architects, Builders, and others, the application of the **ASPHALTE DE SEYSSSEL** as the only effectual means of preventing DAMP rising in WALLS.

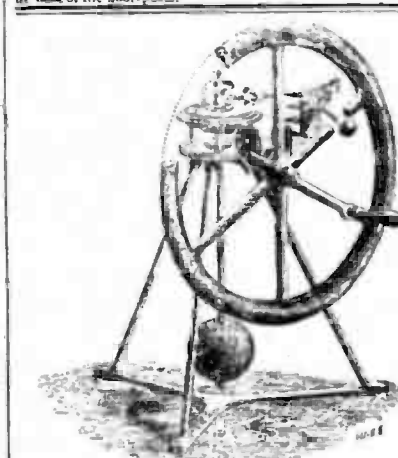
J. FARRELL, Secretary.
 Seyssel Asphaltic Company's Works, "Clairidge's Patent," Stangate Depot, London.

The following account of its application is extracted from "The Appendix to the Commissioners of Fine Arts' Report," page 18:—

"In 1859 I superintended the construction of a house of three stories on the Rue d'Englebert. The foundation of the house is constantly in water, about 104 inches below the level of the ground floor. The entire horizontal surface of the external and internal walls was covered, at the level of the internal ground-floor, with a layer of **SEYSSSEL ASPHALTE**, less than half an inch thick, over which coarse sand was spread.

"Since the above date no trace of damp has shown itself round the walls of the lower story, which are for the most part painted in oil of a gray stone colour. It is well known that the damp in the lower story of the house, before the application of the asphalt, was so great that the walls were constantly dripping with water, and the furniture was ruined. The layer of asphalt having been broken and removed, or the purpose of inverting the sills of two doors, spots indicating the presence of damp have been since remarked at the base of the door-pieces."

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THE CHRONOMETRIC GOVERNOR

Invented by Messrs. SIEMENS, of Berlin, patented and supplied by **JOSEPH WOODS and Co.,** Barre-yard-chambers, Bucklebury, London, has now been in constant use, for regulating the supply of power for grinding corn, and moving machinery of other kinds, for a considerable time, and it is found to succeed perfectly in producing power, without allowing any variation of speed; the result of which enables all manufacturers, dependent on regularity of the velocity for a maximum result, to attain a greater uniformity in, and increased quantity of, the manufactured article produced in a given time, without increasing the expenditure of power. This effect in grinding corn amounts to an increase of 14 per cent.

These instruments may be applied to existing steam-engines, water-wheels, &c., without interruption to their constant work, and at an expense very much below the value of the advantages obtained.

Testimonials may be seen, and every information obtained, at the office of the Patentees, and cards for admission to the numerous flour-mills, saw-mills, and other works in different parts of the country, where the Chronometric Governor is employed, on application to them.

SILCOCK and Co.'s PATENT PLANES

may be had at the following places:—
 Archer, 45, Goodge-street, Tottenham-court-road; Blyth, Whitechapel; Coth, 424, Oxford-street; Dean, 48, King William-street; Penn, 163, Newgate-street; Roberts and Co., 64, Charing-cross; and of all ironmongers and tool dealers in the United Kingdom.

WALLIS'S PATENT LIQUID WOOD

KNOTTING.—This newly-discovered Liquid Composition which Messrs. Gey and Thos. Wallis have the satisfaction of introducing to the trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them sailing through and disfiguring the paint above.

Many substances have been used and much time spent in endeavouring to find a cure for a bad Knot, but without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, skill is not required; it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat.

Sold wholesale and retail, by Messrs. G. and T. Wallis, Varnish, Japan, and Colour Manufacturers, No. 14, Long Acre. Price 18s. per gallon.

STEPHENS'S PROCESS FOR DYEING

S or STAINING WOOD, as a substitute for Paint. The natural grain of wood is limited by art, but the most successful imitation has a sameness of appearance when compared with the continual variety which characterises the present in their natural grain. To give an ornamental colour to the wood without obscuring the grain, is the object of this process, which surpasses paint in appearance, while at the same time it is so economical that the whole interior of a house, which would take a month or six weeks to paint in the usual manner, may be finished in one week by the process above named, and be more pleasing.

The dyes or stains are prepared and sold by **HENRY STEPHENS**, 44, Stamford-street, Blackfriars-road; sold also at the Office of "The Builder," 7, York-street, Covent Garden, London; Hodkinson, Widenham-street, Hereford; H. Nutton, "Review Office," Nottingham; H. Willis, 39, High-street, Lynn; and in Manchester, at Crab's Marble Works, Garrard-bridge. In bottles of 64, and 128, each at 10s. per gallon. The oak colour may be obtained in powder at 8s. per pound, which dissolves in water to form the liquid, and one pound will make one gallon of stain.—N.B. The Trade supplied.

TODD'S PATENT PROTOXIDE

PAINT, manufactured by CHAS. FRANGIS and SONS, CEMENT WORKS, NINE ELMS, LONDON.

The properties of this Paint are peculiar for preventing iron from oxidation, wood from decay, and masonry from damp; it neither cracks nor blisters with the hottest sun, and is therefore most valuable for Railways, Boilers, Steam, Gas, and Water-pipes; Hothouses, Forcing-houses, and for Shipping. Its adhesion is so great to iron and wood, that the hardest friction will scarcely remove it, and even vegetation on succored buildings, and is not affected by spray of sea-water.

PROTOXIDE PAINT is sold ground in oil, and, compared with white-lead, its property of concealing is as 75 to 50, so that one hundred weight is equal to one and a half of lead. It works well under the brush, and forms with oil an unctuous and cohesive mixture. If blended with other paints it has a softer tone than white-lead. For houses painted during occupation it is most preferable, being perfectly innocuous.

VARNISH, COLOURS, WHITE LEAD.

Genuine White Lead	per cwt.	27s. 6d.
Grounds		
Thirde		23 9
Linseed Oil	per gallon	2 3
Turpentine		4 6
Putty	per cwt.	7 6
Patent Dryers		36 0
Oxford Oiler		36 0

Varnishes equalled by none:	per gallon 10s.
Fine Oak	12
Carriage	18
Copal	18
Body Copal	14
Gold Size	10
Black Japan	10

Painters' Brushes, and every article in this branch, at the Manufactory, 87, Bishopsgate-street, Without, London.—**THOMAS MILLINGTON, Proprietor.**

CHEAP PAN FOR WATER CLOSETS,

With Trap, in one Piece.

DOULTON and WATTS, Lambeth Pottery,

High-street, Lambeth, London. Manufacturers of the above in superior glazed STONWARE, &c. &c. 7s. 6d. each. They are of the most durable ware, and are recommended in preference to iron on account of their cleanliness and cheapness. If preferred, they can be had in two parts, the pan at 4s. 6d., and the Trap at 3s. N.B. Manufacturers of RAIN-WATER PIPING for houses.

By Mr. Hirst's Royal Patent

WILKINS'S "SILENT" WATER

CLOSURE.—To Architects, Surveyors, and Builders.

Gentlemen,—Your attention is respectfully invited to the above Closure, the peculiar qualities of which are, that it is perfectly silent in the action of the Machinery and the supply of Water, and may be fixed in any convenient place in the House, without communicating the sound of a Water-closet to any of the adjoining Apartments, while it retains all that is useful in the ordinary Closets. It does away with the Ball Lever, Wire, Cranks, &c., which cause much of the noise to which the old closets are liable. The want of a Water-closet more suitable for the present mode of living them in the internal parts of Dwelling Houses and Office Apartments, has long been felt, and the benefit to be derived from one that is "Silent" in the act of the Machinery and supply of water, is sufficiently obvious to render unnecessary any lengthened comment. The whole of the apparatus (including the trap) being completed between the floor of the room and the seat of the Closet, thereby rendering it quite easy to remove any noisy Closet and fix the "Silent" one in its place, without interfering with the old trap, which is generally embedded between the floor and ceiling below the Closet. The "Silent" Closet is also clean and so free from any effluvia, as to allow of its being fixed in any bedroom, where there is a convenience of fixing a pipe down the outer wall of the house, without occasioning the least unpleasantness whatever.

May be viewed Daily, and Orders taken at No. 36, Gower-place, University College, London, from 9 in the Morning to 9 in the Evening.